

Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 03-12478	Serial No.		
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Applicant YADEGAR et al.			
				Filing Date		Group	
<b>U.S. PATENT DOCUMENTS</b>							
XMR INIT*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
S.D.	AA	US 2002/0050992 A1	2May02	Deering	345	423	19Mar01
S.D.	AB	US 6,400,841	4Jun02	Khoury	382	154	11Feb99
S.D.	AC	US 6,362,819 B1	26Mar02	Dalal et al.	345	423	16Oct98
S.D.	AD	US 6,285,375 B1	4Sep01	John, Jr.	345	440	5Feb99
S.D.	AE	US 6,239,805 B1	29May01	Deering	345	419	25Nov97
S.D.	AF	5,555,356	10Sep96	Scheibl	395	134	29Oct92
S.D.	AG	5,377,320	27Dec94	Abi-Ezzi et al.	395	163	30Sep92
S.D.	AH	4,941,193	10Jul90	Barnsley et al.	382	56	2Oct87
	AI						
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	AK						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AO						
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Examiner: <i>Seys Solehovsky</i>				Date Considered: 3/04/2006			

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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>					
S.D.		Project Brief, <a href="http://jazz.nist.gov/atpcf/prjbriefs/prjbrief.cfm?ProjectNumber=00-00-4936">http://jazz.nist.gov/atpcf/prjbriefs/prjbrief.cfm?ProjectNumber=00-00-4936</a>			
S.D.	AB	"Knowledge-based training of artificial neural networks for autonomous robot driving," D. A. Pomerleau, in Robot Learning, Boston: Kluwer Academic Publishers, J. Connel and S. Mahadevan (Eds.), 1993			
	AC	<del>"Information, Uncertainty and The Utility of Categories," M. Gluck and J. Corter, in Proc. Annual Conference of the Cognitive Science Society, Irvine, CA.</del>			
S.D.	AD	"Knowledge Acquisition Via Incremental Conceptual Clustering," D. Fisher, Machine Learning, 2 (2), 139-172, 1987.			
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S.D.	AF	"Vector Quantization," R.M. Gray, IEEE ASSP Magazine, Vol. 1, pp. 4-29, April 1984.			
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S.D.	AH	"Multiresolution image classification by hierarchical modeling with two dimensional hidden Markov models," J. Li, R.M. Gray, and R.A. Olshen, IEEE Transactions on Information Theory, Vol. 46, pp. 1826-1841, August 2000.			
S.D.	AI	"Maximum likelihood from incomplete data via the EM algorithm," A. Dempster, N. Laird, and D. Rubin, Journal of the Royal Statistical Society, Series B, 39 (1):1-38, 1977			
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	AN	<del>"Mixture of Probabilistic Principal Component Analysis," M. E. Tipping and C. M. Bishop, Neural Computation, 11(2):443-482, 1999.</del>			
S.D.	AO	"The EM algorithm for mixtures of factor analyzers," Z. Ghahramani and G. E. Hinton, Tech. Report CRG-TR-96-1, Univ. of Toronto, 1997.			
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S.D.	AQ	"Non-linear Bayesian Image Modelling," C. M. Bishop and J. M. Winn. In Proc. 6th European Conference on Computer Vision, ECCV, Springer (2000) 1, 3-17, 2000.			
S.D.	AR	"New Trends in Image and Video Compression," Torres, L., and Delp, E., X European Signal Processing Conference, Tampere, Finland, September 4-8, 2000.			
S.D.	AS	"A Subspace Approach to Layer Extraction," Ke, Q., and Kanade, T., IEEE International Conference on Computer Vision and Pattern Recognition (CVPR 2001), December, 2001.			
Examiner: <i>Seeg J. Anthony</i>				Date Considered: <i>3/04/2006</i>	

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S.D.	AB	P. Schröder and W. Sweldens, <i>Digital Geometry Processing</i> , in Sixth Annual Symposium on Frontiers of Engineering, pp.41-44, 2001.			
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S.D.	AG	J. Rossignac, <i>Edgebreaker: Connectivity compression for triangle meshes</i> , IEEE Transactions on Visualization and Computer Graphics, Vol. 5, No. 1, January - March 1999.			
S.D.	AH	A. Khodakovsky, P. Schröder, and W. Sweldens: <i>Progressive geometry compression</i> , Proceedings of SIGGRAPH, 2000.			
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S.D.	AJ	P. Schröder and W. Sweldens, <i>Spherical Wavelets: Efficiently Representing Functions on a Sphere</i> , Computer Graphics, Annual Conference Series (SIGGRAPH '95 Proceedings), pp. 161-172, 1995.			
S.D.	AK	A. Said and W. A. Pearlman, <i>A new fast and efficient image codec based on set partitioning in hierarchical trees</i> , IEEE. Trans. Circ. Syst. Video Tech. 6, pp. 243--250, June 1996.			
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S.D.	AM	W. E. Lorensen and H. E. Cline, <i>Marching cubes: A high resolution 3D surface construction algorithm</i> , Computer Graphics (SIGGRAPH '87 Proceedings), volume 21, pages 163--169, July 1987.			
S.D.	AN	T. Gerstner and R. Pajarola, <i>Topology Preserving and Controlled Topology Simplifying Multiresolution Isosurface Extraction</i> , IEEE Transactions on Visualization and Computer Graphics, 2000.			
S.D.	AO	Z. Wood, M. Desbrun, P. Schröder and D.E. Breen: <i>Semi-Regular Mesh Extraction From Volumes</i> , Visualization 2000 Conference Proceedings, pp. 275-282.			
S.D.	AP	D.E. Laney, M. Bertram, M.A. Duchaineau, and N. Max, <i>Multiresolution distance volumes for progressive surface compression</i> , Proceedings of 3D Data Processing Visualization and Transmission 2002, pp. 470-479.			
S.D.	AQ	G. Taubin, <i>BLIC: Bi-Level Isosurface Compression</i> , Proceedings of IEEE Visualization 2002, Boston, October 2002.			
S.D.	AR	G. M. Treece, R. W. Prager, and A. H. Gee: <i>Regularised marching tetrahedra: improved iso-surface extraction</i> , Technical Report CUED/F-INFENG/TR 333, Cambridge University Engineering Dept., September 1998.			
S.D.	AS	J. M. L. Maubach: <i>Local bisection refinement for N-simplicial grids generated by reflection</i> , SIAM J. Sci. Comput., 16 (1995), pp. 210-227.			
Examiner: <i>Sergiy I. Shcherbakov</i>				Date Considered: <i>3/04/2006</i>	

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S.D.	AC	S.I. Erwin, "Forecast is Rosy for Visual Simulation Industry," National Defense Magazine, Nov 2001.			
S.D.	AD	Daratech, Press Release, Nov 14, 2002, <a href="http://www.daratech.com/pressroom/releases/021106.html">http://www.daratech.com/pressroom/releases/021106.html</a>			
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S.D.	AG	U. Jasnoch, V. Coors, U. Kretschmer, <i>Applications of 3D GIS</i> , 2000, <a href="http://www.giscience.org/GIScience2000/posters/125-Jasnoch.pdf">http://www.giscience.org/GIScience2000/posters/125-Jasnoch.pdf</a>			
	AH	<del>Frost &amp; Sullivan, <i>US 3D Imaging Markets</i>, Jan 22, 2003.</del>			
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Examiner: <i>Sevgi Siderheerdy</i>				Date Considered: <i>3/04/2006</i>	

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